


**CORRECTION** **OPEN**

Correction To: POD Nanozyme optimized by charge separation engineering for light/pH activated bacteria catalytic/photodynamic therapy

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Correction to: *Signal Transduction and Targeted Therapy* <https://doi.org/10.1038/s41392-022-00900-8>, published online 28 March 2022

The plate photo from Control in Figure 4c of the published work was mistakenly used when editing the photos, and the corrected version is demonstrated below. The results and conclusions of this paper were not affected by this error.

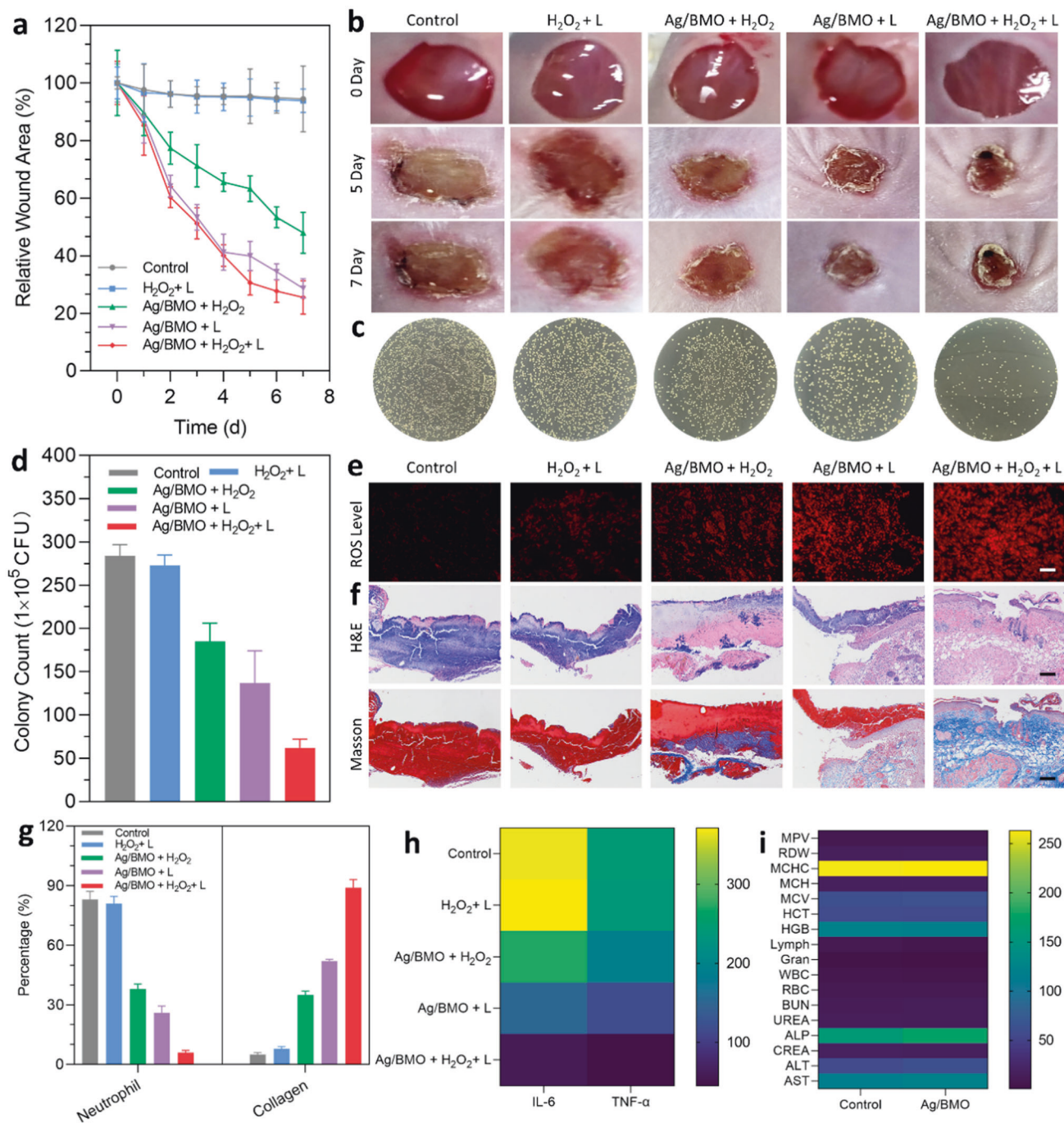


Fig. 4 In vivo MRSA-infected wound healing effect of Ag/BMO nanozyme. 1064 nm laser: 1 Wcm⁻² for 10 min, H₂O₂: 3 mM, Ag/BMO NPs: 200 μg mL⁻¹. If not otherwise specified, all NPs were dissolved in DI water for detection. **a** The change of wound areas for 7 d. *P*-value indicates the significant difference. ***P* < 0.01, ****P* < 0.001. **b, c** Photographs of MRSA-infected wounds in various groups and the corresponding plates after treatments. Scar bar: 1 mm. **d** The quantified data of survival MRSA in infected wounds treated with different groups. *P*-value indicates the significant difference. ***P* < 0.01, ****P* < 0.001. **e** ROS level of infected wounds (more red fluorescence indicated more ROS content). **f** H&E and Masson-stained tissues slices of infected wounds. **g** The percentage number of neutrophils and collagen index. **h** Levels of IL-6 and TNF-α. **i** Blood biochemistry and physiological index analysis for control and Ag/BMO groups



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